

Vodafone A-GPS Performance Requirements

Assumptions:

- 1) Testing performed in MS Assisted A-GPS mode
- 2) RRLP as specified in VFD_LBS_AGPS_0001_03
- 3) No Almanac available
- 4) No Ephemeris available
- 5) Timing assistance accuracy of +/- 500ms
- 6) Position assistance accuracy of +/- 5 km
- 7) Clock correction assistance accuracy +/- 0.1ppm
- 8) Simulator testing using simple static channels without multipath
- 9) Noise temperature 300K
- 10) 8 SVs at the same signal power as stated in the table with the exception that one SV has a minimum signal power of -142dBm
- 11) PDOP less than 2 on all testing
- 12) 2.5dB system noise figure
- 13) 95% Accuracy <50m
- 14) Time to First Fix (TTFF) quoted as 95% value

SV power	All SVs at -134 dBm	All SVs at -142 dBm	One SV at -142dBm Other SVs at -150 dBm
TTFF	8s	16s	32s